HOUND

Multi-mission unmanned ground vehicle (UGV) system

A unique in-service, operational, 24/7 UGV surveillance solution Elbit Systems' HOUND is a comprehensive UGV security system designated for use in 24/7 border patrols, observation missions and a diverse range security and surveillance scenarios. The system provides safe, autonomous, unmanned operation of advanced surveillance, communication and weapons systems. These unique features take security patrol capability to unprecedented levels of safety. Operable remotely by 1-3 personnel, the system can be supplied as a complete turnkey solution or as an add-on unmanned capability to an existing formation of patrol or reconnaissance vehicles.

Elbit Systems™ Land

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The system is designed to operate on a standard wheeled vehicle upgraded for autonomous unmanned operation. A 7.62 or 12.7mm remote-controlled weapon station, communications system equipped with EO payload, mastmounted observation pod, 360° situational awareness system and operator control unit (OCU) can be supplied as needed. The system incorporates certified obstacle avoidance capability and can be operated in unmanned autonomous, semi-autonomous and tele-operated mode. Tethering to manned vehicle using Follow-Me mode is also available.

HOUND is the only in-service, operational, 24/7 UGV surveillance solution available in the Western world. Combining unmanned technology with a choice of powerful security hardware add-ons offers enhanced safety and flexibility to border patrol and surveillance teams in a variety of scenarios.

Fully customizable system deployable in range of security scenarios Customers can choose from a range of vehicle, payload, OCU and communications options, tailoring the vehicle to their specification.

Based on extensive IDF operational experience, tried and tested in the field The mature system has been deployed extensively by the IDF where thousands of hours of recorded security missions assure accuracy and reliability of UGV operability. Tried and tested on security missions of all kinds, the remote-controlled weapon station is IDF-certified for safe wireless operation.

Full suite of security features delivered at no risk to operators Remote operation minimizes human risk and assures complete operator safety even during hazardous or lengthy missions.

Key Features

- Customizable vehicle payloads
- Operator control unit
- Night and day operational capability
- Advanced, easy-to-use, mission planning and monitoring features

Key Benefits

- Tailored solutions to suit missions of all kinds
- IDF-tested, mature operational system
- Operator safety assured by autonomous control features
- Safety certified for wireless weapon operation by the IDF
- IDF-certified vehicle assured breaking unit with obstacles detection
- Use with existing patrol vehicles or as standalone system

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